



INVENTOR UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **NAKATANI, Kazuo**

Group Art Unit: **3753**

Serial No.: **10/658,421**

Examiner: **To be assigned**

Filed: **September 10, 2003**

P.T.O. Confirmation No.: **3193**

For: **DETERMINING METHOD OF HIGH PRESSURE OF REFRIGERATION CYCLE APPARATUS**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

January 28, 2004

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449, which were cited in an European Search Report. A copy of the European Search Report and one copy of each of these documents is attached.


No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP



Donald W. Hanson
Attorney for Applicants
Reg. No. 27,133

DWH/plb
Atty. Docket No. 031055
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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Enclosures: European Search Report, PTO-1449 and references (6)

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	Applicant(s): NAKATANI, Kazuo	
	Filing Date: September 10, 2003	Group Art Unit: 3753

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	6,321,564 B1	YAMANAKA et al.	11-27-01	62	510
_____	AB					
_____	AC					
_____	AD					
_____	AE					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF 2000-234814	8-29-00	Japan	abstract
_____ AG 2001-116371	4-27-01	Japan	abstract
_____ AH 2002-130770	5-9-02	Japan	abstract
_____ AI			
_____ AJ			

OTHER DOCUMENTS

_____	AK	HUFF et al.: "High-side-pressure optimization in TRA NSCritical CO ₂ cycles with work-extracting expansion devices", SAE Automotive Alternate Refrigerant Systems Symposium, July 2002, pages 1-18
_____	AL	Joo Seok Baek et al. : "High-side-pressure optimization in TRA NACritical CO ₂ cycles with work-extracting expansion devices"; SAE Automotive Alternate Refrigerant Systems Symposium July 2002, pages 1-17
Examiner		Date Considered